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Team: //TODO

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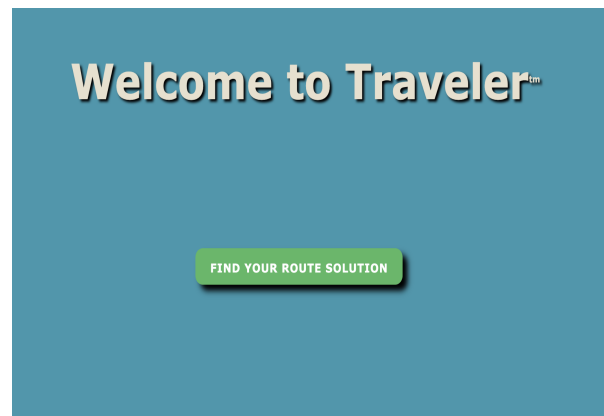
## User Documentation

This document includes a set of instructions for how the user should proceed with using our web application:

User will access the website by clicking this link: <https://traveler-us8cr.ondigitalocean.app/>

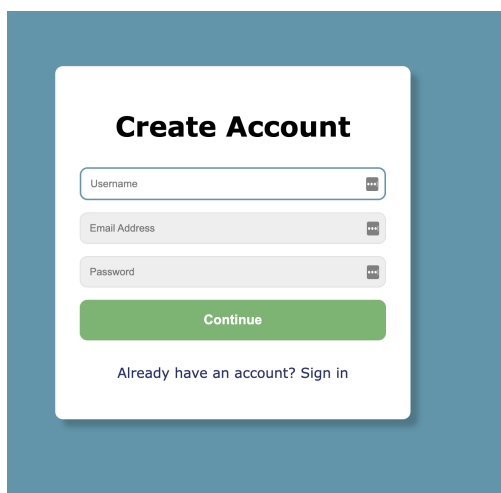
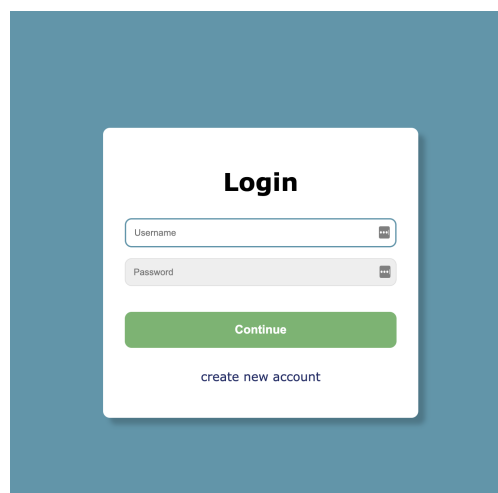
Step 1) Click the link and end up on the intro page.

Step 2) From intro page click the “FIND YOUR ROUTE SOLUTION” button.



You will be taken to login/sign-up page where you can:

- 1) Create an account and click “Continue”.
- 2) Click the “Already have an account? Sign in” button and then log in to the existing account from the Login page and then click “Continue”.
- 3) By pass both completely and just click “Continue”.

A screenshot of the "Create Account" form. The form is a white card with rounded corners on a blue background. It has the title "Create Account" at the top. Below the title are three input fields: "Username", "Email Address", and "Password", each with a small eye icon to its right. At the bottom of the form is a green "Continue" button. Below the button, there is a link that says "Already have an account? Sign in".A screenshot of the "Login" form. The form is a white card with rounded corners on a blue background. It has the title "Login" at the top. Below the title are two input fields: "Username" and "Password", each with a small eye icon to its right. At the bottom of the form is a green "Continue" button. Below the button, there is a link that says "create new account".

**You will now be taken to the main page where you can start entering in you addresses:**

- You can enter up to 10 additional addresses after your starting address.
- There is an autocomplete feature where your suggested address will possibly pop up.
- You can click the address that is yours and it will automatically fill it into the box.
  - Ex: if your address is 55 Coburg road Eugene, OR USA you can type in the starting number of the address, 5 and you will be given a list of addresses that start with 5. From here you would click the second address on the drop down menu and it will be automatically entered into the box you are typing in.

The image displays two versions of a web form titled "Destinations".

The left version shows the initial state with a "Place of origin" input field and ten "Location" input fields (labeled Location one through Location ten). A "Submit Locations" button is located at the bottom right.

The right version shows the form after the "Place of origin" field contains the number "5". A dropdown menu is open, displaying a list of suggested addresses starting with "5":

- 550 Pearl Street Eugene, OR, USA
- 55 Coburg Road Eugene, OR, USA
- 515 East Broadway Eugene, OR, USA
- 555 International Way Springfield, OR, USA
- 520 Country Club Road Eugene, OR, USA

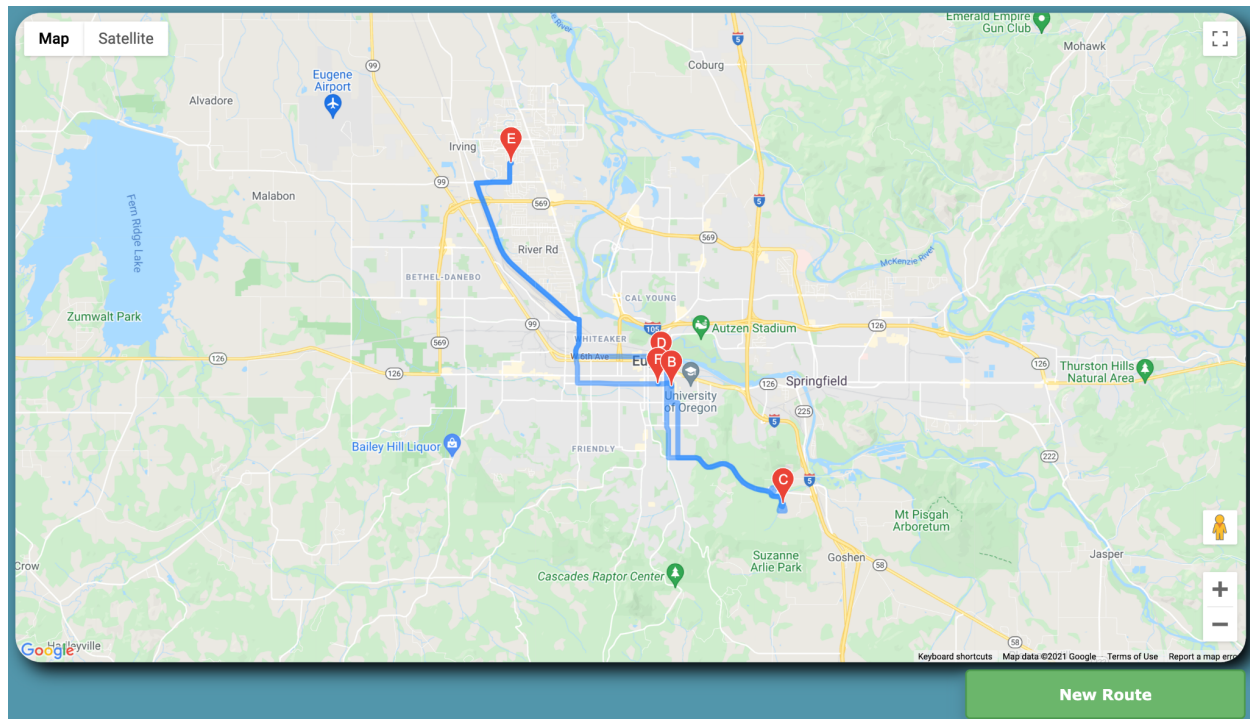
The dropdown is powered by Google. Below the dropdown, the "Location four" input field is highlighted, and "Location five" and "Location six" input fields are visible below it.

- 1) Enter your starting address in the “place of origin” box.
  - a) If you see your address in autocomplete, click that address to fill it in quickly.
- 2) Enter in the addresses to which you would like to go.
  - a) You have up to 10 destinations to which you can go.
- 3) Once you filled in your desired addresses, click the “submit locations” button.

*Note:*

- Our program will not accept invalid addresses, if your address is not typed in correctly it will not render your points. If you do not enter a starting point or any other addresses, the program will not continue to the next page.
- If your addresses can not be reached by car, the program will not be able to calculate them and will not render a map.

Once you have submitted your valid starting point along with one or more additional destinations to which you would like to go, **you will be taken to a results page where you will see a map that contains a route from your starting point to all of your destinations and back home.**



- Your addresses will be marked by red points labeled alphabetically with A as your starting point.
  - *IMPORTANT NOTE:* Since you end up back at your starting point, the map thinks it's an additional address and the final marker will cover it. In this example the starting and ending point is marked by pointer F. The route goes from A (seen as F) to B->C->D->E->F (Starting point)
- If you hover your mouse over the points, it will tell you which address it is marking.
- You may click “new route” to clear the map and enter a new set of destinations.
- You can zoom in or out of the map by either clicking the + or - button in the bottom right corner. Alternatively you can use your mouse to scroll in or out.
- You can change the map settings to a satellite view by clicking that button in the top left corner. Change back to map view by clicking on “map”.
- You can view the map as if you were actually on the road by dragging the yellow person in the bottom right corner to the street you want to see.
- If you click the square looking button on the top right corner of the map, you will enter full screen mode. Press esc on your keyboard to leave this mode.

That concludes the directions on how to use this web-application.